Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 12 Aug 2023 until 23:59 on Sunday 13 Aug 2023

Forecast Issued on Saturday 12 Aug 2023 at 04:36

Confidence: High for poor weather on Saturday, although with only moderate confidence in clearance time. Moderate confidence in Sunday and Monday, then higher for Tuesday and Wednesday as high pressure builds.

Headline for Saturday 12 Aug 2023: Wet and windy.

Mountain weather hazards on Saturday 12 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy rain showers	Heavy rain showers	Heavy rain showers	Cloudy
Precipitation probability					
70%	80%	80%	80%	60%	30%

Forecast for Saturday 12 Aug 2023

Weather: Cloudy this morning with heavy showers or longer spells of rain, and a low risk of thunder. This afternoon scattered heavy showers, perhaps thundery and possibly limited brighter spells in the east. Showers will become lighter and isolated this evening.

Chance of cloud-free hill tops above 600m: 40%, occasionally 70% across eastern areas this afternoon.

Low Cloud and visibility: Areas of cloud with bases around 500-600m with the rain. Little improvement expected until late afternoon, when bases may rise towards 600-700m for a time before lowering again into the evening. Visibility mainly good, but moderate to poor in heavy rain and showers, and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 12 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 S	23/30 S	23/31 SW	23/31 SW	21/30 SW	21/31 SW	19/28 SW
300	11/24 S	13/27 S	14/27 SW	15/29 SW	14/27 SW	14/28 SW	13/27 SW
Valley	11/26 S	11/26 S	12/26 SW	14/28 SW	13/27 SW	13/27 SW	11/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	12/8	13/9	13/9	12/9	12/8	12/8
300	14/12	14/12	15/13	16/13	15/13	14/12	14/11
Valley	15/14	15/13	16/14	17/15	16/14	15/13	15/13
Freezing Level*	2500m	2800m	2800m	2400m	2600m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rain will make some paths wet and slippery, with some watercourses becoming swollen as the day progresses. Low cloud means good navigation skills will be required. Gusts to 40-45 mph at times across summits and exposed ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 12 Aug 2023	0mm	1mm	1mm

Forecast for Sunday 13 Aug 2023

Weather: Often cloudy but some bright or sunny spells are likely, particularly during the afternoon in the east. Occasional showers, especially during the afternoon, perhaps heavy in places.

Maximum wind: Southwesterly 20-25mph gusting 30-35mph

Chance of cloud-free hill tops above 600m: 30% increasing 90%

Low Cloud and visibility: Areas of cloud base around 300-400m at first, rising during the morning to around 700m by midday, and perhaps clearing the highest summits at times during the afternoon. Visibility generally good, but very poor in cloud covering hills, and reducing to moderate in showers.

Temperature: **Valleys:** Plus 13 Celsius rising to Plus 19 Celsius
At 600m: Plus 12 Celsius
Freezing level: Above the summits

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